AUTOMATED PLAYLIST CHASER

ABSTRACT OF THE DISCLOSURE

An automated playlist chaser (APC) improves the recovery time and robustness of playlists to component failures and/or human errors in a content sourcing and editing environment. Following detection and correction of an error in a content sourcing subsystem controlled by a playlist, the APC retrieves a last known good playlist from a playlist archive and automatically builds a new playlist for resynchronization of the subsystem. Building the new playlist involves iteratively solving for the first new program segment entry in the new playlist and the new "on-air time," "start-of message," and "duration" attributes for the entry as a function of a reference time (e.g., the present time of day), the original on-air time for the entry, the subsystem recovery time, the APC processing time, and the queuing delay of the audio-video source for the program segment.